

To: Lederer, Dave[Lederer.Dave@epa.gov]
From: Iorio, Maryellen CIV USARMY CENAE (US)
Sent: Tue 10/24/2017 12:22:28 PM
Subject: FW: Transmittal of Draft Summary Data Report , Aerovox Passive Sampler Survey

See e-mail below from Battelle. Let me know if you would like me to set up a meeting to discuss this with Battelle or if you are ok with them proceeding as they have laid out below.

Ellen Iorio, P.E
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-----Original Message-----

From: Lefkovitz, Lisa F [mailto:LEFKOVITZL@battelle.org]
Sent: Monday, October 23, 2017 2:27 PM
To: Iorio, Maryellen CIV USARMY CENAE (US) <Maryellen.Iorio@usace.army.mil>
Cc: Kaltenberg, Eliza M <kaltenberg@battelle.org>; White, Patricia <whitep@battelle.org>; Dahlen, Deirdre T <DahlenD@battelle.org>
Subject: [EXTERNAL] RE: Transmittal of Draft Summary Data Report , Aerovox Passive Sampler Survey

Hi Ellen

We've recently completed our Internal Research and Development (IR&D) study using Aerovox sediments for ex situ exposures to passive samplers (ie. PEDs). We were very pleased with the agreement between the in situ (field deployed) and ex situ (lab exposure) results (Patty and Eliza will present some of these results at the Aerovox interim cap working meeting scheduled for next week). We would like to include both sets of results as part of a passive sampler presentation for an upcoming local Environmental Business Council (EBC) program on innovative remote measurements to be held at Battelle on November 7th. Our presentation will highlight the application of passive samplers for measuring HOCs in offshore locations and calculating porewater and surface water concentrations as a surrogate for estimating bioavailability.

In addition, we hope to include both the in situ and ex situ PED data we collected in upcoming presentations and/or posters for other technical conferences including the Battelle Remediation of Chlorinated Compounds Conference in April 2018 and the Western Dredging Association (WEDA) Dredging Expo in June 2018 in Norfolk. Ultimately, we would like to publish some of the findings evaluating the correlation between the results of in situ and ex situ modes of passive sampling and to explore how depth of in situ passive sampling affects flux calculation (measured as part of our IR&D project).

We understand the sensitive nature of publishing the results collected from New Bedford Harbor. For the upcoming EBC presentation we can refrain from mentioning the site name and location. However, moving forward, we would like to be able to reference the site and present site-specific information, including the flux measurement results. The goal of presenting these results is to advance the use of

passive samplers for porewater, surface water and flux measurements and to underscore the utility and accuracy of ex situ exposures, as well as to highlight the various models that can be used to calculate pore water and surface water concentrations. We would refrain from making any conclusion about the site in general. We would submit the draft presentations and any future manuscripts to USACE and EPA in advance for approval.

Please let us know your thoughts about presenting the passive sampler results, or if you would like to discuss further.

Thanks,

Lisa

Lisa Lefkovitz, PMP | Senior Research Scientist

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From: Dahlen, Deirdre T

Sent: Friday, October 13, 2017 1:17 PM

To: Peter Hugh (Peter.Hugh@usace.army.mil) <Peter.Hugh@usace.army.mil>; Iorio, Maryellen NAE (Maryellen.Iorio@usace.army.mil) <Maryellen.Iorio@usace.army.mil>; Marie.e.esten@usace.army.mil

Cc: Lefkovitz, Lisa F <LEFKOVITZL@battelle.org>; Kaltenberg, Eliza M <kaltenberg@battelle.org>; White, Patricia <whitep@battelle.org>

Subject: Transmittal of Draft Summary Data Report , Aerovox Passive Sampler Survey

Good afternoon Peter,

Attached please find an electronic copy of the transmittal letter for the Aerovox Passive Sampler Survey

Draft Summary Data Report for the New Bedford Harbor Superfund Site. The draft report (PDF of complete report and Word document of main report) has been posted to the project SharePoint site in the Aerovox folder (subfolder path /Work Plans and Reports/Aerovox Passive Sampler Survey/). I will notify the USACE, EPA, Jacobs and MADEP reviewers about the availability of this draft report for review in a separate email. We are requesting review comments by Friday, November 3.

Thank you,

Deirdre

Deirdre Dahlen

Project Manager/Senior Research Scientist

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